

20030510.qrp v02_n916.qrl.20030510

Date: Sat, 10 May 2003 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2916

QRP-L Digest 2916

Topics covered in this issue include:

- 1) [150304] Re: Cheap meter - was 12Vdc Float Charger @ \$7.49
by "Ron McConnell" <rcmcc@earthlink.net>
- 2) [150305] RE: Project Cases -- Ideas??
by "Paul Ermisch" <paul@ermisch.com>
- 3) [150306]
by Wayne_W5KDJ <w5kdj@juno.com>
- 4) [150307] Re: Project Cases -- Ideas??
by David Hinerman <WD8CIV@worldnet.att.net>
- 5) [150308] FS: Unbuilt BLT \$20
by <tlogan7@cox.net>
- 6) [150309] Re: Project Cases -- Ideas??
by Dale Botkin <dale@botkin.org>
- 7) [150310] Propagation
by Garie Halstead <khyberpass65@yahoo.com>
- 8) [150311] PSK31 Specs
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 9) [150312] Re: nuther RS deal
by "Mike Yetsko" <myetsko@insydesw.com>
- 10) [150313] ANT - coaxial dipole
by James R Giammanco <n5ib@juno.com>
- 11) [150314] RE: PSK31 Specs
by "K8YS/N8LBR" <jbcraft@adelphia.net>
- 12) [150315] Re: nuther RS deal
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 13) [150316] Re: nuther RS deal
by Jim Eshleman <jce0@Lehigh.EDU>
- 14) [150317] Re: The " 'Tenna Dipper"
by John Payne <paynej1@earthlink.net>
- 15) [150318] BLT sold
by <tlogan7@cox.net>
- 16) [150319] [FT817] FT817 FS
by Leland Berman <N3LJB@comcast.net>
- 17) [150320] QQ
by "Francis Callahan" <colcal@srv.net>
- 18) [150321] Re: Project Cases -- Ideas??
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 19) [150322] RE: Needed: Copy of Aug. 1973 QST Article: Micromountaineer

- by "Patrick York" <pyork@cetlink.net>
- 20) [150323] Re: Project Cases - Ideas? [Obscenely Long]
by George Gingell <k3tks@u1.abs.net>
- 21) [150324] Dayton Rooms - the devil made me do it
by Tony Fishpool <tony@g4wif.fsnet.co.uk>
- 22) [150325] Re: your mail
by "Karl F. Larsen" <k5di@zianet.com>
- 23) [150326] NO CQC meeting today (Saturday, May 10th)
by Roger J Wendell <zeekzilch@juno.com>
- 24) [150327] Re: ANT - coaxial dipole
by "George, W5YR" <w5yr@att.net>
- 25) [150328] Re: [FT817] FT817 FS
by "Karl F. Larsen" <k5di@zianet.com>
- 26) [150329] Thanks to the Summer FOXes
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 27) [150330] FS or trade Argonaut 509-
by "Dean-NR2V/4" <nr2v@northnet.org>
- 28) [150331] re:Another Ni-MH charging question
by Michael Babineau <michael.babineau@sympatico.ca>
- 29) [150332] Velocity factors
by Richard Lim <richlim11@yahoo.com>
- 30) [150333] Re: QQ
by William R Colbert <w5xe@juno.com>
- 31) [150334] Re: Velocity factors
by "Ray Goff" <radioham@gmx.co.uk>
- 32) [150335] UPDATE2 : 'Tenna Dipper
by Steven Weber <kd1jv@moose.ncia.net>
- 33) [150336] Indian Cliff Trail
by "Bill Linn" <blinn@smgazette.com>
- 34) [150337] OHR-100 FS
by "Brent Sutphin WB4X" <bsutphin@triad.rr.com>
- 35) [150338] FS: Ten-Tec model 1210 10/2m xverter kit, unbuilt
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 36) [150339] Re: nuther RS deal
by Brad Thompson <Brad.Thompson@valley.net>
- 37) [150340] ZM-2 wiring details
by Scott Gregson <emtech@steadynet.com>

Date: Fri, 9 May 2003 20:17:10 -0400
From: "Ron McConnell" <rcmcc@earthlink.net>
To: <qrp-l@lehigh.edu>
Cc: "W2IOL" <w2iol@arrl.net>, <lnkennedy@tcainternet.com>
Subject: [150304] Re: Cheap meter - was 12Vdc Float Charger @ \$7.49
Message-ID: <000001c31689\$9cf776e0\$e416a441@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="us-ascii"
Content-Transfer-Encoding: 7bit

I would be amazed if the \$3 Harbor Freight
DVMs came in the remote neighborhood
of 0.1% accuracy. Rarely, but not never,
do I need 0.1%. 3% is fine for most of my uses.
I'll have to dig out the info sheet.

[pause]

dc V 0.5% of rdg
dc C 1% of rdg to 20 mA
dc C 1.5% of rdg 200mA
dc C 3% of rdg 10A
ac V 1.2% of rdg
ohms 0.8% to 200K
1% to 2000K

Better than I expected.

I can afford to stick a \$3 meter
in each vehicle, my radio tool box,
my home repair tool box, my portable/field
radio tool box, dedicate a couple for
rough battery monitoring...

These Harbor Freight DVMs are reasonably
well made and rugged. If one falls
6 feet and doesn't survive, I will
drag out a spare. I've had 4 or 5
of these for a year - no problems.

Nick says,
"...\$5 unit that works fine,
but it uses a *stack* of
mercury button cells ..."

Hey!! I have a nice little
Konica C-35 35mm rangefinder camera
that has been on the shelf for years
because it uses a mercury button cell
for its exposure reference.
Other button cells, alkaline or whatever,
throw off the exposure.
You can't buy mercury cells in the US.
Where can one get one of these \$5 meters?

Cheers, 73,

Ron McC.
w2iol
<http://home.earthlink.net/~rcmcc>

Date: Fri, 9 May 2003 17:41:09 -0600
From: "Paul Ermisch" <paul@ermisch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150305] RE: Project Cases -- Ideas??
Message-ID: <NHBBIAMAFPBACKANGJGAPDEEEGCAAA.paul@ermisch.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

www.sescom.com

Used one for my Rockmite (see www.qsl.net/kb0lur)

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
steve.lawrence@itwfeg.com
Sent: Friday, May 09, 2003 12:11 PM
To: Low Power Amateur Radio Discussion
Subject: Project Cases -- Ideas??

Am I the only one that becomes frustrated when it comes time to package my
latest QRP project?

Am I the only one tired of the same ol' Altoids tin? After all, when I
get my projects out, it looks more like the contents of a candy rack
rather than a collection of carefully executed electronics... Then
there's the "which Altoids tin is my freq counter...???" problem...

Am I the only one tired of mounting the battery external to a selected
case because it wasn't big enough and the right size case cannot be found?

Am I the only one who will spend a weekend carefully assembling a kit or
home brew, only to spend weeks or months in trying to locate the right
package for it?

Am I the only one wishing a skilled machinist would custom design a case
for a particular project, only to hesitate in the purchase because of the
cost?

Sigh,.... I'm looking for more packaging ideas...

- home built case ideas: plastic? formed metal?
- sources for "neat" boxes in the Altoids size range or larger (rarely smaller)
- "unconventional" packaging, purchased at a local store (Walmart? etc.)
- sources for one off custom enclosures

If you have some good ideas, work you're proud of, please send them to the list. (Yes, another slow Friday day in the office.)

73,
Steve
aa8af

Date: Sat, 10 May 2003 00:24:01 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: soc@mailman.qth.net, qrp-l@lehigh.EDU
Message-ID: <20030509.172501.517.95934@webmail07.lax.unttd.com>
Content-Type: text/plain

What does props look like for tomorrows FIST? I have been traveling this past week and not on the radio.

Wayne_W5KDJ
NW Houston
SV0WWW_TF2WJN
ARCI_11325 * ARS_1392 * SOC_538

Date: Fri, 09 May 2003 20:33:53 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [150307] Re: Project Cases -- Ideas??
Message-ID: <5.1.1.6.1.20030509202857.00b28eb0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>I have also used old computer switch boxes by taking plastic or PC board
>and making a new cover plate for front or rear or both. These are a
>little larger, but they are large enough to accommodate a piece of gear

>with several nice sized knobs on the front with finger room or a set of
>QRP BOOTS.

I've been eyeballing a dead CD-ROM drive sitting in the scrap bin outside the network office at work. It's all metal (Galvanneal or similar), with top and bottom panels, and the plastic face plate that could be reworked to suit or just replaced with a piece of PC board material.

It'd take a little paint to make it suitable for a desktop, but the metal is sturdy and I believe it can be soldered, given enough heat.

Dave

Dave Hinerman
WD8CIV@att.net

Date: Fri, 9 May 2003 17:38:12 -0700
From: <tlogan7@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150308] FS: Unbuilt BLT \$20
Message-ID: <003701c3168c\$6ff3ff80\$c9e96a44@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Unbuilt Norcal BLT kit - \$20 shipped CONUS. Thanks. 73/Tim NZ7C

Date: Fri, 9 May 2003 21:14:10 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [150309] Re: Project Cases -- Ideas??
Message-ID: <Pine.LNX.4.33.0305092110001.8646-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 9 May 2003, Jake Brodsky wrote:

> I've thought about hunting for some brass angle stock to make
> soldering PC boards in to cases easier and more consistent. But I

> haven't really pursued this concept all that far.

I have seen a nice assortment of various materials and forms at Lowe's. Sheet, tube and angle aluminum; sheet brass, threaded rods, I think there was brass angle stock as well. Some copper I think, galvanized and maybe even stainless, polished diamond plate aluminum, sheets with punched patterns for ventilation or speaker grilles, stuff like that. No solid or tube Al rod for V/UHF beams, though, at least when I was looking. I may be off on one or two items, but I do remember seeing a surprisingly good assortment - those places usually have everything except the one thing I need at the time.

72,

Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

Date: Fri, 9 May 2003 19:36:42 -0700 (PDT)
From: Garie Halstead <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150310] Propagation
Message-ID: <20030510023642.26945.qmail@web80510.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Wayne_W5KDJ <w5kdj@juno.com> wrote:

>

> What does props look like for tomorrows FIST? I have been traveling
> this past week and not on the radio.

>

>

> Wayne_W5KDJ

> NW Houston

> SV0WWW_TF2WJN

> ARCI_11325 * ARS_1392 * SOC_538

SB PROP ARL ARLP019

ARLP019 Propagation de K7RA

The weeks of active geomagnetic conditions continue and seem to stretch into months. This week was no exception. The average planetary A index was 20.7, and the week before was 23.7. One day was quiet, May 4, when the planetary A index was only 7. The worst days this week were May 1 when the A index was 40 and May 7 when it

was 36.

These were the worst days for HF operators, but probably not if you like 6-meters. John Reynolds, N7QF reported from Utah that on May 1 he had a good sporadic-E opening into Oklahoma and Texas. He didn't say, but I assume this was on 6-meters. The distance was about 850 miles, and he said most of the people he worked were using 100 watts and a 3 element Yagi.

April 30, the day prior, had Jon Jones, N0JK working Argentina on 6-meters from Kansas with E and F2 layer propagation. He says he also worked TI5KD with double-hop E-skip.

Solar flux and sunspot numbers were down this week. Average sunspot numbers were down nearly 40 points from the previous week and average solar flux was down over 10 points. Solar flux and sunspot numbers have been declining again. Solar flux will probably go below 100 over the weekend. Solar flux was below 100 only one day in the past month on April 17, but it dipped just one point below to 99.

Predicted solar flux for Friday, May 9 to Monday, May 12 is 95, 95, 100 and 100. The latest forecast shows the planetary A index not going below 20 until May 16. The earth is currently inside a solar wind stream, as it often has been for past months. An interplanetary shock wave, probably from a coronal mass hit earth at 0500z today, May 9, and should keep conditions active.

Nearly ten years ago Scott Craig, WA4TTK released a freeware program for plotting the solar numbers from this bulletin. He calls it the Solar Data Plotting Utility, and it has been improved over the years. The current version runs in Windows and can automatically retrieve data, either from this bulletin, or via FTP from the ARRL. Scott has just posted a new updated data file that has daily solar flux and sunspot numbers from January 1, 1989 through April 30, 2003. You can download Scott's software from <http://www.craigcentral.com> .

Another great resource is the NOAA Space Environment Center's Preliminary Report and forecast, which comes out weekly. It used to be published on paper and mailed, but you can look at it in PDF form at the SEC NOAA web site at, <http://www.sec.noaa.gov/weekly/index.html> .

The current issue, published May 6, has some tables showing predicted solar flux and sunspot numbers until the end of 2007, and smoothed numbers back to January 1998. It looks like currently we have solar activity around the same level as it was about 5 years ago. Of course a big difference is that back then the solar activity

was increasing, and now it is on the decline. The chart seems to suggest that in 14 months the sunspot count will be about half what it is now, and it drops to one fourth about 2 years and one month from now.

For more information on propagation and an explanation of the numbers used in this bulletin see the Propagation page on the ARRL Web site at <http://www.arrl.org/tis/info/propagation.html> .

Sunspot numbers for May 1 through 7 were 171, 175, 134, 172, 144, 117, and 109, with a mean of 146. 10.7 cm flux was 148.7, 156.5, 147.7, 142, 128.8, 122, and 110.2 with a mean of 136.6. Estimated planetary A indices were 40, 17, 10, 7, 12, 23, and 36, with a mean of 20.7.

Do you Yahoo!?
The New Yahoo! Search - Faster. Easier. Bingo.
<http://search.yahoo.com>

Date: Fri, 9 May 2003 20:06:55 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Elecrafft Mailing List" <elecraft@mailman.qth.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [150311] PSK31 Specs
Message-ID: <000f01c316a1\$387010c0\$01bfb2d1@etclink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

Have an idea for a project and need the down and dirty technical specs for PSK31. I've been looking on the web for over an hour and all I really find is a lot of fluff on how to build an interface an so forth, but no real information.

Anyone have a web site with the info on it? Thanks in advance...and NO I'm

no giving up CW ;-)

73's Trev KG6CYN

<http://www.qsl.net/kg6cyn>

Date: Fri, 9 May 2003 23:11:42 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Thom LaCosta" <baltimoremd@baltimoremd.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [150312] Re: nuther RS deal
Message-ID: <003201c316a1\$ec5a6a40\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> It appears to be a function of the store policy. If the store policy
> allows for price matching within xx days of purchase, then the guy that
> bought it at 10 bucks has every right to get it for the new advertised
> price.
>
> Not a question of fair, it's a question of how does the retailer
> advertise the prices, the price match policy, and how they instruct
their
> employees to handle same. I'll bet ya a cup of coffee that RS never
> authorized you to apply your sense of morals to a price match...and, if
> you did, you're in violation of policy(I would think).

Actually, my understanding is that RS has a POLICY of matching sale
prices for items bought within the last so many days (I think 30) at
regular price. That is, if it goes on sale, you can go in and get a
credit
for the difference.

But, my understanding is also that this does NOT apply to closeouts
or clearances. As the price drops, that's it.

Mike

Date: Fri, 09 May 2003 20:12:52 PDT
From: James R Giammanco <n5ib@juno.com>

To: qrp-L@Lehigh.edu
Subject: [150313] ANT - coaxial dipole
Message-ID: <20030509.221105.10127.4.n5ib@juno.com>

Hi gang,

I've been trying to make one of those quickie coaxial dipoles from RG-58. You know - the one where you fold back a quarter wave of braid and leave a quarter wave of center conductor exposed... This to use as the antenna for an APRS beacon that will fly on a balloon to 95,000 feet May 20 if all goes well.... with of course, a QRP beacon transmitter.

Anyway... I just can't get the thing to resonate at all. It's all over the map with large VSWR excursions between 115 and 160 MHz, no real obvious maxes or mins, just variations. Checked my MFJ analyzer on a dummy load and known good antenna... it's fine, and so's the BNC connector on the dipole's feedline.

Any of y'all actually make one of these play-pretties and get it tuned up?? Actual physical possession, past or present, of a working unit required :^)) don't hand me none of that "ole Joe told me that Suzie got one that Jeff made that he used to haul up in a tree on camping trips" :^))

And as a sidebar... Any Pesky Texans within about 100 miles of Palestine interested in listening for our 144 or 440 MHz signals??? If so reply direct and I'll give you details.

72
Jim N5IB

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 9 May 2003 23:23:21 -0400
From: "K8YS/N8LBR" <jbcraft@adelphia.net>
To: <kg6cyn@softhome.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [150314] RE: PSK31 Specs
Message-ID: <001101c316a3\$82782ca0\$79d7aa44@lbrtoh.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try this link and read the stuff by G3PLX

<http://www.psk31.com/Articles/articles.htm>

00
Bob

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
Of Trevor Jacobs
Sent: Friday, May 09, 2003 11:07 PM
To: Low Power Amateur Radio Discussion
Subject: PSK31 Specs

Hey Gang,

Have an idea for a project and need the down and dirty technical specs
for PSK31. I've been looking on the web for over an hour and all I
really find is a lot of fluff on how to build an interface an so forth,
but no real information.

Anyone have a web site with the info on it? Thanks in advance...and NO
I'm no giving up CW ;-)

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

Date: Fri, 9 May 2003 23:41:00 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [150315] Re: nuther RS deal
Message-ID: <20030509233843.G99813-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 9 May 2003, Mike Yetsko wrote:

>
> Actually, my understanding is that RS has a POLICY of matching sale
> prices for items bought within the last so many days (I think 30) at
> regular price. That is, if it goes on sale, you can go in and get a

> credit
> for the difference.
>
> But, my understanding is also that this does NOT apply to closeouts
> or clearances. As the price drops, that's it.

Hmmm, rather than you and I argue, which is not what I intended, I'll ask
at the local RS what the policy is....and perhaps check with
corporate...the answers to that should benefit all on the list, and you
and I can go on and enjoy QRP(G)

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Sat, 10 May 2003 00:14:45 -0400
From: Jim Eshleman <jce0@Lehigh.EDU>
To: baltimoremd@baltimoremd.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150316] Re: nuther RS deal
Message-ID: <3EBC7CB5.2080103@Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Hmmm, rather than you and I argue, which is not what I intended, I'll ask
> at the local RS what the policy is....and perhaps check with
> corporate...the answers to that should benefit all on the list, and you
> and I can go on and enjoy QRP(G)

Thanks! :-)

Date: Sat, 10 May 2003 00:07:51 -0700
From: John Payne <paynej1@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [150317] Re: The " 'Tenna Dipper"
Message-ID: <2ZA5RWV2UNL21LISL54MNIB74QN.3ebca547@john>

MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Count me in for a kit!! Saving pennies already... now where was that dime I saw this morning?<grin>

"The real proof that there is intelligent life in outer space is that they haven't come here."

Date: Fri, 9 May 2003 21:23:11 -0700
From: <tlogan7@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150318] BLT sold
Message-ID: <004301c316ab\$de12d260\$c9e96a44@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The BLT advertised earlier was sold almost instantly - sorry I did not get back to everyone sooner. 73/Tim

Date: Sat, 10 May 2003 00:07:54 -0400
From: Leland Berman <N3LJB@comcast.net>
To: qrp-l@lehigh.edu, "'FT-817 Group'" <FT817@yahoogroups.com>,
 njqrp@njqrp.org, EPA-QRP Reflector <EPA-QRP@yahoogroups.com>
Subject: [150319] [FT817] FT817 FS
Message-ID: <0000001c316a9\$bb630a20\$6601a8c0@Leland>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi All-

Just thought I would post this.

I have an 817 with Z-11 auto-tuner up on Ebay.pse take a look!

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem>
<<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3023750832&category=>

40069&rd=1> &item=3023750832&category=40069&rd=1

Tnx n 72- Leland N3LJB

[Non-text portions of this message have been removed]

----- Yahoo! Groups Sponsor ----->
Rent DVDs from home.
Over 14,500 titles. Free Shipping
& No Late Fees. Try Netflix for FREE!
<http://us.click.yahoo.com/BVVfoB/hP.FAA/uetFAA/ELTo1B/TM>
----->

To unsubscribe from this group, send an email to:
FT817-unsubscribe@yahoogroups.com and for a great FAQ (Frequently Asked
Questions) see <http://groups.yahoo.com/group/FT817/database>
Some really good technical info at: <http://www.ussc.com/~turner/ft817pg.shtml>
Please note that your messages and files sent to this group may appear anywhere on
the Internet or in print without notice or compensation.

Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>

Date: Sat, 10 May 2003 03:59:16 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [150320] QQ
Message-ID: <003501c316da\$d2c1be60\$5bce1341@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QQ arrived here yeaterday and again a great issue . Probably the best on the
market. Thanks to all who give up there time to put out a great mag 72 Cal
KF7ET misplaced Vermonter in Idaho

Date: Sat, 10 May 2003 06:46:40 -0400
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <dale@botkin.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150321] Re: Project Cases -- Ideas??
Message-ID: <002201c316e1\$70831f80\$2e2c2041@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you want small brass angle stock check your hobby stores and some hardware stores.!!!

I buy 1/8 and 1/16 brass stock from a "craftsman" hardware store near me. they have all kinds of brass stock.!!!

carl / kz5ca

----- Original Message -----

From: "Dale Botkin" <dale@botkin.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, May 09, 2003 10:14 PM
Subject: Re: Project Cases -- Ideas??

> On Fri, 9 May 2003, Jake Brodsky wrote:

>

> > I've thought about hunting for some brass angle stock to make
> > soldering PC boards in to cases easier and more consistent. But I
> > haven't really pursued this concept all that far.

>

> I have seen a nice assortment of various materials and forms at Lowe's.
> Sheet, tube and angle aluminum; sheet brass, threaded rods, I think there
> was brass angle stock as well. Some copper I think, galvanized and maybe
> even stainless, polished diamond plate aluminum, sheets with punched
> patterns for ventilation or speaker grilles, stuff like that. No solid or
> tube Al rod for V/UHF beams, though, at least when I was looking. I may
> be off on one or two items, but I do remember seeing a surprisingly good
> assortment - those places usually have everything except the one thing I
> need at the time.

>

> 72,

> Dale - N0XAS

> --

> It's a thankless job, but I've got a lot of Karma to burn off.

>

>

Date: Sat, 10 May 2003 07:23:26 -0400
From: "Patrick York" <pyork@cetlink.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [150322] RE: Needed: Copy of Aug. 1973 QST Article: Micromountaineer
Message-ID: <005001c316e6\$94414320\$e4c8fea9@home1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got it! Thanks to everyone who responded.

73, Pat KF4LMZ

Date: Sat, 10 May 2003 07:27:44 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: George {Danny} Gingell <k3tks@u1.abs.net>
Subject: [150323] Re: Project Cases - Ideas? [Obscenely Long]
Message-ID: <20030510052808.D97138-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gee Wiskers,

I almost hate to respond to this one, I was kind of thinking of a few lines on the subject for a filler or two in a future QRP Quarterly.

If there is one thing more difficult than getting a kit finished, it is finding a case to fit it into. Why is it that the pcb never seems to fit into a standard case? Well, I never seem to have quite the right one in the basement warehouse.

I and a few other Maryland MilliWatters, I won't mention any names, have been known to collect various Die Cast Boxes for future Projects. We rarely find one that fits quite right, but that does not deter us from purchasing more of the same at any opportunity. :^}

I even have a few that have been re-cycled and/or repaired by various methods.

There a few individuals on this list who I would definately recommend as Experts on Case Design and Construction. Jim Jones, KD7S would definately be one of them. I might add that there is one in OK who does a fantastic

job with a bit of wood. Call escapes me at the moment. His work has appeared on the Cover of QQ in the past.

I also recommend checking some of the various club websites. Start at <http://www.qrparci.org> for some links to many of them. Be sure to look at NOGA QRP Club and NJ-QRP Club. They have a lot of Great, Not just Good, QRP Stuff to Build and buy as kits.

After all, you gotta have something to put into those little metal tins...

I was just thinking, I have not had a need to make a case in several years. Why? Because I have not had time to "Melt Solder or Burn Fingers" in a few years at least.

I just ordered one of those "Tenna Dippers" Whatever it is? No Matter, If KD1JV has his name on it, It will be good. Heck, I have a few of his very early kits that are still in their original packaging. I am saving them for my real retirement. :^}

I have heard/read several interesting ideas recently for Case Projects.

Now I will try to remember my thoughts as I read the past few Digests.

Some one mentioned PCB Cases. Years ago, in another life, I actually made a few of those myself. If you have not made a case from PCB scrap, you should strongly consider starting there. Even if only for the experience.

There are a few things that might be helpful to know ahead of time.

First, you must use material that is properly cleaned if you want good results.

The thickness of the material is sometimes relative, but not so much on small cases. Thick material is quite a bit heavier, but is excellent for large projects.

Previously used materials can also be used to make a very interesting case. I have re-cycled many a pcb in my time and have used many for other projects. An Example was a Fairly Large Case that i made to house a 12" Monitor Project for use with my Timex Sinclair ZX-81 and Homebrew Keyboard. It may still be hiding in my Archive/Museum Room in the basement. I just got a new little Digital Camera to play with, maybe I will find time to try it out on some of my collectors stuff.

Anyway, the case was made out of lots of almost new, unused pcb material. It was actually a very large quantity of approximately 12" X 16-18" material which was plated and drilled with a million holes. It was actually the PCB for a Commercial Modem as I recall. A major manufacturer,

which will remain nameless, had some business problems related to illegal use of software and was forced out of business. I was fortunate to receive a very large carton of the pcb's. We used them for everything, including Targets for the .22 Handguns. Yet another story :^}

So how do they fit into a case? For the Monitor Case, I first made a cardboard template to fit the front of the CRT. Something like the Front mask on a T.V. Set, I think I used four or five pieces to create that very important part. Hey, the hole had to be just right and sanded smooth as well. Now, I would have used Aluminum Flashing with Contact Cement to cover it and make it pretty. Hey, this was a practical case, not a thing of beauty? O.K. It came out pretty good in the end, but it was a lot of work. Having the face was the hard part, the rest was just making a box of the correct size to hold the guts of the monitor as well as the CRT. Oh yes, and the Large 12 Volt Gel Cell. Did i mention that this was planned to be Luggable? Note I did not say portable. :^}

Next, I needed a Frame of sorts to put this stack of PCB's onto. I considered just soldering the edges together like many of the earlier small boxes, but this was larger and held more weight plus the pcb material was not only ventilated profusely, it was also the thinner 1/16" stuff. What to do? I decided that a Wooden frame would work nicely. I drew several sketches before deciding on the final design. I did not have any power tools save for a sabre saw (SEARS) and an electric drill (Old B&D) plus a bunch of files and grinding thingies, Yes, a Dremel kit.

I decided that 1/2 by 3/4 pine trim would be easy to work with and fairly light as well. I made a frame, not unlike building a house wall, and then drilled the pcb at various spaced points about 1/4 to 3/8 inches in from the edge and using appropriate wire brads and or Linoleum nails, I proceeded to secure the pcb to the wooden frame. Once the base and top were made, it was just a matter of framing up the sides, front and back and joining them all together. Using a planned overlap on the corners.

I can't recall now if I used the Brass Angle stock for the edges or not. The hobby shop has a wonderful but fairly expensive assortment of brass of all sorts for projects like these.

I have since found that Aluminum Duct Tape (Airconditioning/steam fitters) use this type. It is real aluminum with good adhesive. It is fairly thin, so you can do lots of tricks with it. Put a bit of wax paper over the adhesive and you can burnish it or model it rather like copper foil. Embossing it and shaping if you want something of a rounded corner.

In the event that you want electrical bonding of the sides of the case, You will need some good flux and solder plus a good heat source. Big Irons and Guns seem to be a bit rare these days. Back then I had a 250 Watt Weller with a big tip that would do wonders to a pcb case edge.

I also had access to some "Big Bertha Irons & Black Beauties" Ma Bell was very good to me back then. :^} She also provided free solder, old lead splicing sleeves, #16 Tinned Bus wire, black tape, and all manner of hardware. Gee I miss that Grand Ol Gal. :^}

You know, I am just thinking I know just where to find my Dad's ol sloberin Iron. No, not one of those fancy electrics, this was a real mans iron, Heat her up on a Kerosene Torch or the Kitchen Gas Stove. Gotta work quick, if you let her get too cold you have to wait a real long time to do the next seam. Pretty soon you learn to do it with out gettin burnt or setting the house afire. :^}

O.K. I think that pretty much covers the big box. Got some nice clean double sided pcb? How about a real nice power supply case? I needed a case for a 12 Volt Power Supply for my Ten-Tec Argonaut 509. You think I can afford to buy one of those ready made jobs? No way! I go to the Radio Shack Store and read up on Power Supplies. I find a pretty simple circuit and lay out the parts on a piece of pcb about 4 X 12 ? I happened to have a stack of precut pieces that I picked up at Gaithersburg Hamfest one year for \$ 5.00, I could have gotten more, but the crate was all that I could manage to carry to the car at the time. I left a few hundred pounds for the next guy.

After selecting several pieces that were nearly the same size, I put a stack of them together and used two pieces of 2x4 as a vise around them. Just drill a couple of holes thru the two by fours and add some long 1/4" stove bolts washers and big wing nuts. Once all are bound together like a book, you can use variuos tools of torture on the edges. First the Mill Bastard, or maybe a wood rasp to get them fairly close, then use some emory paper glued to a block of wood to sand the edges smooth. Recently i found that I could cut a length of 1X4 just right and slip it into the center of a used 18" sanding belt. Yes, I recycle them too. They might not work well or at all on the belt sander, but they do fine for hand sanding.

Getting the four to six panels all the same size is very imprtant to make a square box. You can also make up a wood block the exact size of the "INSIDE" of your project box. his is also very useful when you get to the assembly stage. You can place the panels on each side of the block and then use a piece of steel wire and a wooden dowel or stick to hold it together while you solder the seams. Use the dowel like a tourniquet to twist the wire eds and make the loop tight.

If you are going to make fancy corners with Hobby Brass Angle stock, you will need to prepare the corners prior to physically assembling the box and/or applying the tourniquete. Use coarse steel wool to clean up the corner area and apply flux paste or liquid. tin the edges about 1/2 inch along the seams, then clean, flux and tin the inside edge of the angle

brass, assemble the case and apply the wire tourniquete. apply heat to the corner angle brass and add a small amount of solder as required. This will sweat the seam. Let it cool and clean everything up, A soft wire brush on the drill will make it like Gold in a very short amount of time.

Very fine steel wool will really make it look like GOLD. Just be sure to get it clean when done. Clean with soap and water, then Varsol or Paint Thinner. I usually use some old cotton socks over my hands at this point. White Cotton Inspection Gloves are the proper item of choice. If you get a single Finger Print on the polished Copper pcb, It will stand out like a sore thumb when lacquered. After the polishing, clean the pcb with water and Dish detergent, followed by Alcohol of mineral spirits, turpentine. Dry it with a soft cloth (Old Cotton Tee Shirt "Clean") then Get out that Krypton Spray Lacquer and give it a couple of light coats. Several light coats is better, A Heavy coat equals runs!

I mounted the power tranny on the under side of the bottom pcb with a 1/2" X 3/4" wooden frame, under the pcb frame. The Bottom and top panels were secured with # 4 brass wood screws in appropriately sized holes.

A Power Switch and Pilot lamp on the front panel and a Fuse Holder and a pair of way Binding Posts on the rear of the case. It makes a fairly spiffy case which has lots of room to spare in it and has lasted about 25 years so far. Cost, Who knows. Whatever I paid for the various parts at Radio Shack, plus the pcb and nails. Those small brass screws for the top were part of the actual cost. I wanted to be able to take the cover off and put it back with ease.

Guess that is about it for this episode of the never ending saga of homebrew at the hands of a Son of A Carpenter, also known as a Jack of All Trades and a Master of Some. (Never Say None :^}

O.K. just one last tid bit, Don't wanna build it? How about a really slick, nearly Altoids Size Case. This baby is really top of the line. It reminds me of those high dollar, fancy tool boxes that the Newspaper and TV Crews carry their Flukes and other high dollar toys in when they travel. Those Moulded Aluminum Cases with movable foam inserts, etc.

I paid a whole \$ 9.00 each for these critters at CompUSA this week.

They are approximately 4-1/4" wide, by 2-7/8" deep and about 5/8" thick.

Their intended purpose is to safely carry Two or Three CF (Compact Flash) Cards and One PCMCIA Adapter Card. They have a removable spacer. (Save it) I can't tell for sure if the case is aluminum and plastic or just plastic with aluminum paint on it. It looks real nice. It works great for its intended purpose, but I couldn't resist a couple of extras just in case I

needed a real neat case for a project. Maybe KD1JV's Tenna Dipper?

I guess i'll just have to wait and see what size it will be.

Actually I think my Rock-Mite is going into one of these babies. Did I mention that you must have a case that is fitting for the project? That is not quite the same as a case that will hold a project. Would you put an HRO in a Wooden box? an Orange Crate covered with Aluminum Siding? Yes, That is YAD. (Yet Another Design).

O.K. You know where you can buy it. The Company is Microtech.
<<http://www.microtechint.com>>

Maybe some one can get a bulk price on them. without the guts.

Good Morning to all, I am off to a Birthday Party. (No, I am not the Clown:^} More like the mad Hatter....

QRPP Dx Tu (C) 2002

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

QRP A.R.C.I. Board of Directors & QQ Back Issues Sales and Services
Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

Gingell & Company, Ltd.
Locksmith & Handyman Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

Date: Sat, 10 May 2003 11:38:47 +0000
From: Tony Fishpool <tony@g4wif.fsnet.co.uk>
To: qrp-1@Lehigh.EDU
Cc: g3mfj@gqrp.co.uk
Subject: [150324] Dayton Rooms - the devil made me do it
Message-ID: <20030510113847.QWZ028680.fep03-svc.ttys.com@localhost>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Gang,

In this case, the devil is a good friend from Atlanta who convinced me yesterday that I should really attend FDIM after all.

Graham G3MFJ decided I shouldn't be let loose on my own and has decided to come too. Of course, the problem remains as to where to lay our heads at night. I have secured a room share so we only need to provide a solution for Graham.

So if there is anyone looking for someone to share his room then Graham would very much like to hear from you. If possible, can you reply by Saturday at midnight (UK time) which is about the deadline for confirming our (last minute) flights. Please reply to us both. Graham can be reached at g3mfj@gqrp.co.uk

Kind regards
Tony G4WIF

Join Freeserve <http://www.freeserve.com/time/>

Winner of the 2003 Internet Service Providers' Association awards for Best Unmetered ISP and Best Consumer Application.

Date: Sat, 10 May 2003 06:14:35 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Wayne_W5KDJ <w5kdj@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [150325] Re: your mail
Message-ID: <Pine.LNX.4.44.0305100614070.1559-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Terrible.

On Sat, 10 May 2003, Wayne_W5KDJ wrote:

>
> What does props look like for tomorrows FIST? I have been traveling
> this past week and not on the radio.
>
>
> Wayne_W5KDJ
> NW Houston
> SVOWWW_TF2WJN
> ARCI_11325 * ARS_1392 * SOC_538
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 10 May 2003 06:45:44 -0600
From: Roger J Wendell <zeekzilch@juno.com>
To: cqclist@yahoogroups.com, qrp-l@Lehigh.EDU
Subject: [150326] NO CQC meeting today (Saturday, May 10th)
Message-ID: <20030510.064547.3032.0.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Due to another heavy snowstorm we're cancelling this morning's
meeting for the Colorado QRP Club (CQC). Although the
snowfall, as of this writing (6:30 am) is beginning to diminish
our meeting location is still closed. Please watch our web
page for future meeting dates: <http://www.cqc.org/events/index.htm>

72s,

Roger
WB0JNR
CQC Webmaster

-

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 10 May 2003 08:53:56 -0500
From: "George, W5YR" <w5yr@att.net>
To: <n5ib@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [150327] Re: ANT - coaxial dipole
Message-ID: <007201c316fb\$9a71d6a0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim., try adding a choke balun at the end of the braid to decouple the line at that point.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<<mailto:w5yr@att.net>>

----- Original Message -----

From: "James R Giammanco" <n5ib@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, May 09, 2003 10:12 PM
Subject: ANT - coaxial dipole

> Hi gang,
>
> I've been trying to make one of those quickie coaxial dipoles from RG-58.
> You know - the one where you fold back a quarter wave of braid and leave

> a quarter wave of center conductor exposed... This to use as the antenna
> for an APRS beacon that will fly on a balloon to 95,000 feet May 20 if
> all goes well.... with of course, a QRP beacon transmitter.
>
> Anyway... I just can't get the thing to resonate at all. It's all over
> the map with large VSWR excursions between 115 and 160 MHz, no real
> obvious maxes or mins, just variations. Checked my MFJ analyzer on a
> dummy load and known good antenna... it's fine, and so's the BNC
> connector on the dipole's feedline.
>
> Any of y'all actually make one of these play-pretties and get it tuned
> up?? Actual physical possession, past or present, of a working unit
> required :^)) don't hand me none of that "ole Joe told me that Suzie
> got one that Jeff made that he used to haul up in a tree on camping
> trips" :^))
>
> And as a sidebar... Any Pesky Texans within about 100 miles of Palestine
> interested in listening for our 144 or 440 MHz signals??? If so reply
> direct and I'll give you details.
>
> 72
> Jim N5IB
>
>
>
>
> -----
> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 10 May 2003 09:04:21 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: FT817@yahooogroups.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150328] Re: [FT817] FT817 FS
Message-ID: <Pine.LNX.4.44.0305100902370.1996-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Leland, your web page url doesn't work and we here on QRP/L can check
for it if we want to. It's easy. Only put it here if you want to sell it
here.

On Sat, 10 May 2003, Leland Berman wrote:

> Hi All-
>
> Just thought I would post this.
>
> I have an 817 with Z-11 auto-tuner up on Ebay.pse take a look!
>
> <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem>
> <[http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3023750832&category=](http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3023750832&category=40069&rd=1)
> [40069&rd=1](http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3023750832&category=40069&rd=1)> &item=3023750832&category=40069&rd=1
>
> Tnx n 72- Leland N3LJB
>
>
>
> [Non-text portions of this message have been removed]
>
>
> ----- Yahoo! Groups Sponsor ----->
> Rent DVDs from home.
> Over 14,500 titles. Free Shipping
> & No Late Fees. Try Netflix for FREE!
> <http://us.click.yahoo.com/BVVfoB/hP.FAA/uetFAA/ELTo1B/TM>
> ----->
>
> To unsubscribe from this group, send an email to:
> FT817-unsubscribe@yahooogroups.com and for a great FAQ (Frequently Asked
> Questions) see <http://groups.yahoo.com/group/FT817/database>
> Some really good technical info at: <http://www.ussc.com/~turner/ft817pg.shtml>
> Please note that your messages and files sent to this group may appear anywhere
> on the Internet or in print without notice or compensation.
>
>
>
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 10 May 2003 10:6:16 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>,
"Elecraft " <elecraft@mailman.qth.net>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [150329] Thanks to the Summer FOXes
Message-ID: <412003561015616115@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Thanks in advance to the ten QRPers who will be our Summer FOXes on 20 Metres this year. Each is an excellent operator with very fine equipment and antennas. They will all present us hunters with tempting targets. I'm already getting ready to bag me some FOX Fur.

The Summer FOX Hunt will run from Sunday June 1, 2003, through Sunday August 10. Sunday July 6, will be a BYE weekend. Hunts will run from 2200-2330Z late Sunday afternoon. Hopefully this time will work for the majority of us.

Plan now to take part yourself, and be sure to invite others you know. This will be a great chance to introduce someone to the joys of QRPing. Most rigs can be cranked down to 5 watts or lower, so it should be easy for anybody to get into the action. It will also be a great opportunity to get some of those newer operators into the swing of things. See *you* soon [g].

73,
--Doc/K0EVZ

Date: Sat, 10 May 2003 11:16:02 -0400
From: "Dean-NR2V/4" <n timer2v@northnet.org>
To: <qrp-l@lehigh.edu>
Subject: [150330] FS or trade Argonaut 509-
Message-ID: <006301c31707\$11982760\$03fea8c0@deanlaptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have a 509 that is surplus to my needs I would like to sell or trade for a K1.

\$190 shipped to conus

72/73 Dean-NR2V

Date: Sat, 10 May 2003 12:02:38 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: qrp-l@Lehigh.EDU
Cc: portscom@hotmail.com
Subject: [150331] re:Another Ni-MH charging question
Message-ID: <D245BDEB-8300-11D7-82ED-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

John :

Sounds like are you got a great deal at Target.

I would recommend the NiCad/NiMh quick charger that Radio Shack sells for their 9.6V RC packs. I use one of these along with a couple of modified 9.6V RC NiMH packs for my FT-817 and they work like a charm. The packs wills charge in 2 to 4 hrs rather than the obligatory two 8hr charge cycles required using the internal charge capability in the Ft-817.

I would suggest that if you have a peek at the article "Some Comments on Powering the Yaesu FT-817" in the April 01 QRP Quarterly as there is a good description of mods to these packs to add pico fuses inline and to sort out issues with the whimpy connectors that Yaesu uses for their internal NiCad packs.

If you are interested in more details I can send you some photos of my modified packs and a description.

Cheers

Michael VE3WMB

Date: Sat, 10 May 2003 11:12:15 -0500
From: Richard Lim <richlim11@yahoo.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [150332] Velocity factors
Message-ID: <BAE28F0F.274A%richlim11@yahoo.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hello all, the weather here in Chicago is wet and all around nasty. Can't even operate as there is threats of severe thunderstorms with lightning and hail. Which leads me to the question for the group, how does one determine the velocity factor of an antenna wire? I purchased some Home Depot special 14G stranded household wire which I'd like to use to make a few wire antennas, but I really don't have any info on the velocity factor. Also I guess the question should also be does it really matter? Hopefully, I've stimulated some interesting dialog on the list! Thanks.

Rich
KQ9L

Date: Sat, 10 May 2003 11:39:41 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [150333] Re: QQ
Message-ID: <20030510.113942.-284235.3.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QQ arrived today in the area west of the Pecos. Even tho the address is partially wrong, the post office still got it here. As I thumb thru - another great issue. Thanks to all authors and contributors.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC#3618, SOWP#1064M
ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Sat, 10 May 2003 19:43:46 +0100
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150334] Re: Velocity factors
Message-ID: <000a01c31724\$7a6e3410\$9abc6751@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The velocity factor is the ratio of the theoretical length of a half wave dipole at a give frequency to the actual length you need to use to make a practical half wave dipole at the same frequency.

I have never personally worried about the velocity factor in any antennas that I have put up. Take a guess based on $468 / \text{frequency in MHz}$, erring on the long side as you can fold back the excess, because it is more difficult to add extra wire! Put the antenna up and see where it tunes, then adjust the length accordingly.

Just my ha'pence worth.

72/73

Ray,. G4FON

----- Original Message -----

Which leads me to the question for the group, how does one determine the velocity factor of an antenna wire?

Date: Sat, 10 May 2003 14:58:45 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [150335] UPDATE2 : 'Tenna Dipper
Message-ID: <3.0.6.32.20030510145845.007ac520@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Okay gang, we've reached the 100 mark on this first run of kits. I'll get back and confer them all tonight or tomorrow. Will take awhile, hi.

But don't forget, there will be many more kits made available in a month or

so as a club effort. So, if you not in this first batch, start putting some loose change in a jar so you can get one later! It will be \$25.00 well spent :-)

Thank you all!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 10 May 2003 12:25:47 -0700
From: "Bill Linn" <blinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150336] Indian Cliff Trail
Message-ID: <004d01c31729\$f60c3900\$ae70ef42@wa7tqk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Heading out the door now.... got the DSW 40, 7ahr battery, full size dipole, 50 ft rg 58, headphones, norcal paddles, 20 lb mono and 2 oz lead sinkers to throw up the center line. Gonna operate with an inverted vee around the 40 mtr QRP "Wattering Hole"... so listen up for the (most likely NVIS) wavering, wailing call from the Indian Cliff Trail, Benewah, Idaho State Park on the south shores of the Coeur d'Alene Lake in North Idaho..

Bill - WA7TQK

[SMGazette.com E-mail is scanned for viruses by Declude Virus]
[Visit us on the web at SMGazette.com]

Date: Sat, 10 May 2003 15:40:06 -0400
From: "Brent Sutphin WB4X" <bsutphin@triad.rr.com>
To: "qrp-1" <qrp-1@lehigh.edu>

Subject: [150337] OHR-100 FS
Message-ID: <003c01c3172b\$f549e880\$546d1f18@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

New OHR-100 40 meter rig FS...\$130

Date: Sat, 10 May 2003 16:04:38 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: tentec@contesting.com, qrp-l <qrp-l@lehigh.edu>, <eax@w3eax.umd.edu>
Subject: [150338] FS: Ten-Tec model 1210 10/2m xverter kit, unbuilt
Message-ID: <Pine.LNX.4.44.0305101559110.16373-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For sale - brand new (open box but parts bags unopened) unbuilt Ten-Tec model 1210 transverter kit. Add 2m to your HF radio!

Purchased a few years ago and stuffed away in a box.

I finally found it, but I have no time to build or even lament about not having time to build it :)

TT sells them for \$139 new,

Asking \$119 plus actual shipping, OBO.

(save \$20!)

For info on this item: <http://www.tentec.com/tk1210.htm>

Thanks,

Scott N7JI

--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sat, 10 May 2003 17:28:58 -0400
From: Brad Thompson <Brad.Thompson@valley.net>
To: kr1st@amsat.org,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150339] Re: nuther RS deal
Message-ID: <5.0.2.1.2.20030510172451.01f6ac70@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:10 AM 05/08/2003 -0400, Alex wrote:
>A fellow ham in the area bought an HTX-10 yesterday for \$49 at RS.
>
>73,
>--Alex KR1ST

Hello--
A visit to the local Radio hack store yielded the following: the manager of
the Hooksett, NH
store rounded up all of the local stock and sold 'em at Hosstraders.

The salesman I spoke with paused, "Hey, I think we have one without a
mike-- we can make
you a great deal on that one."

The salesman asked the store manager, who replied, "We couldn't get a
microphone for
that one-- we scrapped it."

Truly a shame.

73--
Brad AA1IP

"At Radio Shack, you've got questions.... We've got blank stares."

Date: Sat, 10 May 2003 15:20:23 -0700
From: Scott Gregson <emtech@steadynet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [150340] ZM-2 wiring details
Message-ID: <3EBD7B27.2040808@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I just posted new images for wiring the ZM-2. I think these are much more helpful than the ones I replaced.

They are here:

<http://emtech.steadynet.com/gallery.shtml>

--

Scott Gregson

1127 Poindexter Ave W

Bremerton, WA 98312

<http://www.kjv.com> - Christian Printed materials

<http://emtech.steadynet.com> - Ham Radio Gear

<http://www.steadynet.com> - Webhosting

End of QRP-L Digest 2916
